

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Pedlar, Lee, New Castle,
Blacksburg, Wythe and Glenwood
Ranger Districts, George
Washington and Jefferson
National Forests

STATE: Virginia

AREA WITHIN SURVEY BOUNDARY: 1,739,059 acres

DATE SURVEYED: 6/20/77-7/26/77

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 182

CREW: W. A. Carothers
P. A. Mistretta
C. W. Dull
R. F. Bassett

SURVEY OBJECTIVES: To locate forest insect and disease
problems within the boundaries of the George Washington
and Jefferson National Forests.

SURVEY RESULTS

No new areas of serious forest insect or disease
damage were detected. However, many old southern pine
beetle spots caused by the recent outbreak were still
evident. Two spots which appeared to be the most recent
infestations were ground checked and determined to be
inactive.

Areas of defoliation covering thousands of acres
were detected. Several of these areas were ground
checked and the defoliation was caused by the locust
leaf miner, *Orthotoma dorsalis* Thunberg on black locust,
Robinia pseudoacacia. Although defoliation by the
locust leaf miner occurs on an annual basis in many
areas of Virginia, tree mortality seldom results.

CONCLUSIONS

1. Southern pine beetle activity is at a low level.
2. No control measures need to be taken for locust leaf miner defoliation.
3. Field surveillance by National Forest personnel should continue to insure early detection of forest insect or disease problems.

For any additional information, Contact

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